

July 27 - August 2, 2001

The Terra Spacecraft and all five instruments continue to operate in their nominal science mode.

An evaluation of the ASTER Shortwave Infrared (SWIR) Capillary Pumped Heat Transfer System (CPHTS) Set point changes was performed on from July 24-26. The SWIR CPHTS has performed as expected during the 4.5-degree set point change reduction and the ASTER Team is pleased with the results. The SWIR dewar, finger, compressor, and electronic circuit temperatures have lowered between 3.0 and 4.7 degrees.

On July 30, the MODIS anomaly team presented their findings. The most likely cause of the anomaly was the failure of a power MOSFET (a transistor) in the B-side power supply. The initial cause of this failure is believed to be a high energy particle. The team believes that the B-side instrument loads are still functioning. A set of recommendations was provided and the team is gathering the radiation test data for the MOSFETs.